

JC10 Rec'd PCT/PTO 15 MAR 2002

SEQUENCE LISTING

<110> Mogam Biotechnology Research Institute et al
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<160> 14

10 <170> KOPATIN 1.5

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<211> 924
<212> DNA
15 <213> Homo sapiens

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 15 <211> 308
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 Arg Gly Ile Ser Ser Thr Thr Val Thr Gly Arg Thr Cys Gln Ser Trp
 20 25 30
 25 Ser Ser Met Ile Pro His Trp His Gln Arg Thr Pro Glu Asn Tyr Pro
 35 40 45
 Asn Ala Gly Leu Thr Glu Asn Tyr Cys Arg Asn Pro Asp Ser Gly Lys
 30 50 55 60
 Gln Pro Trp Cys Tyr Thr Thr Asp Pro Cys Val Arg Trp Glu Tyr Cys
 65 70 75 80
 35 Asn Leu Thr Gln Cys Ser Glu Thr Glu Ser Gly Val Leu Glu Thr Pro
 85 90 95

Thr Val Val Pro Val Pro Ser Met Glu Ala His Ser Glu Ala Ala Pro
 100 105 110

Thr Glu Gln Thr Pro Val Val Arg Gln Cys Tyr His Gly Asn Gly Gln
 5 115 120 125

Ser Tyr Arg Gly Thr Phe Ser Thr Thr Val Thr Gly Arg Thr Cys Gln
 130 135 140

10 Ser Trp Ser Ser Met Thr Pro His Arg His Gln Arg Thr Pro Glu Asn
 145 150 155 160

Tyr Pro Asn Asp Gly Leu Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala
 165 170 175

15 Asp Thr Gly Pro Trp Cys Phe Thr Thr Asp Pro Ser Ile Arg Trp Glu
 180 185 190

Tyr Cys Asn Leu Thr Arg Cys Ser Asp Thr Glu Gly Thr Val Val Ala
 20 195 200 205

Pro Pro Thr Val Ile Gln Val Pro Ser Leu Gly Pro Pro Ser Glu Gln
 210 215 220

25 Asp Cys Met Phe Gly Asn Gly Lys Gly Tyr Arg Gly Lys Lys Ala Thr
 225 230 235 240

Thr Val Thr Gly Thr Pro Cys Gln Glu Trp Ala Ala Gln Glu Pro His
 245 250 255

30 Arg His Ser Thr Phe Ile Pro Gly Thr Asn Lys Trp Ala Gly Leu Glu
 260 265 270

Lys Asn Tyr Cys Arg Asn Pro Asp Gly Asp Ile Asn Gly Pro Trp Cys
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10

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Arg Gly Ile Ser Ser Thr Thr Val Thr Gly Arg Thr Cys Gln Ser Trp

20

25

30

35

Ser Ser Met Ile Pro His Trp His Gln Arg Thr Pro Glu Asn Tyr Pro

35

40

45

Asn Ala Gly Leu Thr Glu Asn Tyr Cys Arg Asn Pro Asp Ser Gly Lys
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Asn Leu Thr Gln Cys Ser Glu Thr Glu Ser Gly
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<212> DNA

15 <213> Homo sapiens

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gaaaactacc caaatgatgg cctgacaatg aactactgca ggaatccaga tgccgatata 180

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 5 35 40 45
 Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala Asp Thr Gly Pro Trp Cys
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 10 Phe Thr Thr Asp Pro Ser Ile Arg Trp Glu Tyr Cys Asn Leu Thr Arg
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 Cys Ser Asp Thr Glu Gly Thr Val Val
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 ccagggacaa ataaatgggc aggtctggaa aaaaattact gccgtaacct tgatggtgac 180
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 30 cctctctgtg catcctct 258
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Glu Gln Asp Cys Met Phe Gly Asn Gly Lys Gly Tyr Arg Gly Lys Lys

1 5 10 15

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Ala Thr Thr Val Thr Gly Thr Pro Cys Gln Glu Trp Ala Ala Gln Glu

20 25 30

Pro His Arg His Ser Thr Phe Ile Pro Gly Thr Asn Lys Trp Ala Gly

10 35 40 45

Leu Glu Lys Asn Tyr Cys Arg Asn Pro Asp Gly Asp Ile Asn Gly Pro

50 55 60

15 Trp Cys Tyr Thr Met Asn Pro Arg Lys Leu Phe Asp Tyr Cys Asp Ile

65 70 75 80

Pro Leu Cys Ala Ser Ser

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<212> DNA

25 <213> Artificial Sequence

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<223> single stranded oligonucleotide

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35 <211> 33

<212> DNA

<213> Artificial Sequence

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<223> single stranded oligonucleotide

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<212> DNA

<213> Artificial Sequence

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<212> DNA

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<223> single stranded oligonucleotide

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